Abstract

A receiver system and audio processing method for use therewith are provided. The system includes pairs of receivers with each pair receiving broadcasts on a unique broadcast band. A decoder converts the received signal to a character representation thereof. Input controls include those for receiving a user-selected frequency on a selected broadcast band and search criteria. In foreground operations, a controller tunes one of the receivers to the user-selected frequency and couples this tuned receiver to an audio output device. In background operations, the controller scans the broadcast band associated with each of the receivers not coupled to the audio output device, compares the character representation of each of these broadcast signals with the search criteria, and generates a match signal when the search criteria is present to thereby define a match frequency on a match broadcast band indicating that the search criteria is present. The controller background operations can further process a match select signal received from the user to uncouple the tuned receiver from the audio output device and couple a designated one of the receivers capable of receiving the match frequency to the audio output device. The previously tuned receiver then assumes a background operations function that is the same as the other receivers not coupled to the audio output device.